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S/035/62/000/001/035/038
A001/A101

AUTHOR: Atanasiu, M.

TITLE: Maximum admissible error in few measurements

PERIODICAL: Referativnyy zhurnal. Astronomiya i Geodeziya; no. 1, 1962, 30, abstract 10204 ("Gaz. mat. si fiz.", 1960, v. A12, no. 12, 641-650, Rumanian, Russian and French summaries)

TEXT: The author points out that the theory of errors is inapplicable for the case of a small number of measurements. He states that in this case, the real estimate of accuracy is possible only on the basis of maximum admissible errors intrinsic for the given conditions of measurements.

✓B

From author's summary

[Abstracter's note: Complete translation]

Card 1/1

VOINEA, Radu; ATANASIU, Mihail

Contributions to the determination of the kinematic state in a mechanism. Comunicarile AR 13 no.3:267-273 Mr '69.

1. Membru corespondent al Academiei R.P.R. (for Voinea).

VOINYA, Radu P. [Voinea, Radu P.]; ATANASIU, Mikhail K. [Atanasiu, Mihail C.]

Contributions to the determination of the kinematic state of a mechanism by using the method of conjugate systems.
Rev mec appl 8 no.5:859-888 '63.

1. Bukharestskiy politsehnicheskii institut.

VOINEA, Radu P.; ATANASIU, Mihail C.

Contribution to the determination of the kinematic state of a mechanism by using the method of conjugate systems. Studii cerc mec apl 14 no.1: 103-132 '63.

1. Institutul politehnic Bucuresti.

ATANASIU, Mihail

Some topologic properties of the systems of bodies. Bul
Inst Politeh 26 no.2:65-82 Mr-Apr '64.

1. Chair of Theoretical Mechanics, Polytechnic Institute,
Bucharest.

VOINEA, Radu P.; ATANASIU, Mihail C.

Contributions to the analytic determination of velocities and accelerations in a plane mechanism. Studii cerc mec apl 14 no.2:331-353 '63.

1. Institutul politehnic Bucuresti.

ATANASIU, M. (Bucuresti)

Considerations on the equilibrium and movement of a rigid solid
subject to connections with friction. (Iaz mat fiz 14 no.11/12:
590-597 N-D '62.

VOINEA, Radu P.; ATANASIU, Mihail C.

Contributions to the analytic determination of velocities and
accelerations in a plane mechanism. Rev nec appl 9 no. 2;
317-339 '64.

VOINEA, Radu P.; ATANASIU, Mihail C.

Speeds and acceleration determination of a mechanism by
the independent cycle method. Studii cerc mec apl 15 no.1:
89-104 '64.

1. Corresponding member of the Rumanian Academy (for Voinea).
2. Bucharest Polytechnic Institute (for Atanasiu).

ATANASTU, Mihail

Fundamental problems of mechanical calculus of systems in the kinematic displacement field. Bul Inst Politeh 26 no.5:39-64 S-O '64.

1. Chair of Theoretical Mechanics, Polytechnic Institute, Bucharest.

ATANASIU, N.

✓
NS Effectiveness of ammonium schoenite as a fertilizer. N. Atanasiu
(Z. Pflernähr. Dng., 1955, 78, 71--74).--In water culture tests
with barley NH₄ schoenite (10% N, 8% water-sol. MgO) gave lower
yields of tops than did equivalent amounts of (NH₄)₂SO₄ or
NH₄NO₃ when plants were young, but higher yields when the
plants were older. In sand culture tests with spinach NH₄ schoenite
was slightly more effective than was (NH₄)₂SO₄, about as effective
as was (NH₄)₂SO₄ + MgO, but not nearly as effective as was
NH₄NO₃.
A. H. CORNFIELD.

L 45250-56 T JK

ACC NR: AP6033592

SOURCE CODE: RU/0023/65/010/004/0361/0364

AUTHOR: AthanasIU, Pierrette--AtanasIU, P. (Doctor); Ialomiteanu, M.--
Yalomitsyanu, M. (Doctor); Petrescu, Al.--Petresku, A. (Doctor); Sferdian, O. (Doctor)

ORG: Institute of Inframicrobiology, RSR Academy (Institutul de inframicrobiologie
al Academiei R.S.R.)

TITLE: Study of urinary mucoproteins -- the Donaggio test -- in the course of acute
viral hepatitis

SOURCE: Microbiologia, parazitologia si epidemiologia, v. 10, no. 4, 1965, 361-364

TOPIC TAGS: protein, virus disease, hepatitis, urology

ABSTRACT: The authors show that the percentage of positive tests as well as the
intensity of the concentration of mucoproteins in the urin of patients suffering
from acute viral hepatitis, chronic hepatitis, obstructive jaundice and biliary
dyskinesia is higher when the disease is more serious. It is suggested that this
may also be due to pathologic changes in the kidneys during these diseases.

[Based on authors' Eng. abst.] [JPRS: 32,913]

SUB CODE: 06 / SUBM DATE: 09Sep64 / OTH REF: 008

Card 1/1 *ldf*

UDC: 616.36-002.12:616.633.963-072.85

0920 1635

ATANASIU, T.

Modifications in the standards of technical designs; lines, representation, and marking in industrial design. p. 511.

REVISTA CALOR FERATE. (Cale Ferate Romine) Bucuresti, Rumania.
Vol. 7, no. 9, Sept. 1959.

Monthly list of East European Accessions (EEAI) LC Vol. 9, no. 2, Feb. 1960

Uncl.

MOSCOVICI, E., dr.; ATANASIU, T., dr.; COJOCARU, N., dr.; TANASESCU, Doina, dr.

Clinical isolated gastric tuberculosis. Med. intern. (Bucur.) 17
no.4:473-476 Ap '65.

1. lucrare efectuata in Serviciul de boli interne, Spitalul "Dr.
V. Habes", Bucuresti.

ATANASIU, Traian, ing.

Observations on the rugosity of surfaces; modifications in the technical design standards. Rev callor fer 11 no.2:92-95 F '63.

1. Lector la Institutul Politehnic Bucuresti.

ATANASIU, Tr., lector

Modifications in technical drafting standards. Rev sailor
fer 12 no.11:643-644, 661 N '64.

1. Polytechnic Institute, Bucharest.

PELIGRAD, Nicolae, ing.; ATANASIU, Valentin, ing.

The drive of mud pumps in drilling equipment by means of hydrodynamic transmissions. Metalurgia constr mas 14 no.8:711-724 Ag '62.

1. Institutul de studii, cercetari si proiectari tehnologice pentru industria constructoare de masini, utilaje si industria electrotehnica.

PELIGRAD, Nicolaie, ing.; ATANASIU, Valentin, ing.

Contributions on the driving of rotary tables in drilling installations through hydrodynamic transmissions. Metalurgia constr mas 14 no.7:619-635 JI '62.

1. Institutul de studii, cercetari si proiectari tehnologice pentru industria constructoare de masini, utilaje si industria electrotehnica.

~~ATANASIU-STROESCU, I.~~

RUMANIA / Virology. Human and Animal Viruses

E-2

Abs Jour: Ref Zhur - Biol., No 6, 1958, 23997

Author : Atanasiu-Stroescu^P, Gruya, Petresku, Bronitskiy

Inst : Not given ^

Title : Neurotropic Properties of Some Influenza Virus Strains.

Orig Pub: Studii si cercetari inframicrobiol., microbiol. si parazitol. Acad. RPR, 1956, 7, No 3-4, 339-353

Abstract: In some influenza virus strains taken from nasal-pharyngeal washings of influenza patients and adapted to mice, the ability to pass through these animals in intranasal as well as in intracerebral infection is acquired. The strains were named neuro-respiratory. On pathohistological examinations of the cerebrum and lungs a picture of serous inflammation of an allergic type was noted.

Card 1/1

ATANASKOVIC, S.

The Perucic hydroelectric-power plant. p. 27.
(Isgradnja, Vol. 11, No. 2, Feb. 1957, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions (EEAL) Lc. Vol. 6, No. 8, Aug 1957. Uncl.

ATANASLU, I.

Distr: 4E2o(m)

27 Electrochemical mechanism of formation of oxygenated chlorine compounds at graphite electrodes. I. Atanaslu and Lick Stancu. *Dol. Inst. Politeh. Bucuresti* 20, No. 4, 61-73 (1958).—The construction of a paraffin-impregnated electrode suitable for anodic polarography is described. The polarographic characteristics of the anodic oxidn. of the chloride ion were detd. for this electrode as a function of pH and of Cl^- concn. The half-wave potential for $Cl^- \rightarrow ClO_2^-$ was detd., in aq. chloride soln., of H_2SO_4 , HNO_3 , $HClO_4$, and of their salts, at the above electrode to be $E_{1/2} = 1.9$ v. The condition of the paraffin-impregnated electrode surface was shown to affect the i_d value for the chloride-ion oxidn. in dil. HCl ; a mechanism is proposed for the formation of oxygenated chlorine compds. at this electrode in which the O adsorbed on the electrode surface has an important oxidative effect. A similar mechanism is proposed for $ClO_2^- \rightarrow ClO_4^-$ at $E_{1/2} = 2.01$ v. A comparative study of the paraffin-impregnated graphite electrode and a Pt electrode indicates that the electrode processes are identical.

Robert A. Sanford

4
MJC(UD)
1

071

ATANASOV, At.

Trenis in the photography of nature. Prir i znanie 13 no.7:32-33
S '60. (EEAI 10:2)
(Nature photography)

ATANASOV, A.

ATANASOV, A. New type of steel pen for automatic recording instruments. p. 54
No. 4, 1956 KHIDROLOGIIA I METEOROLOGIIA. Sofia, Bulgaria

SOURCE: East European Accessions List (EEAL) Vol. 6 No. 4 April 1957

ATANASOV, A.

In the skies of Bulgaria. Grazhd.av. 13 no.8:38 Ag '56.

(MLRA 9:10)

1. Nachal'nik Upravleniya Grazhdanskogo vozduhnogo flota
Narodnoy Respubliki Bolgarii.
(Bulgaria--Aeronautics, Commercial)

ATANASOV, A.

Intravenous feeding with fat emulsions. Khirurgiia (Sofia)
17 no.4449-456 '64

1. Visssh meditsinski institut, Sofia, Katedra po propedevtika
na khirurgichnite zabolavania (rukovoditel na katedrata: prof.
G. Kapitanov).

ATANASOV, A.; STOICHEVA, M.; GAITANDZHIEV, K.

On rectal basal anesthesia in pediatric anesthetic practice.
Khirurgiia (Sofia) 17 no.5:581-5' 5 '6

1. Vissih meditsinski institut "I.P.Pavl" , Lovdiv, Kater:
po propedevtika na khirurgichnite zaboliavania (rukovoditel
na katedrata: prof. IU. Toshov).

ATANASOV, A.; MERDZHANOV, A.

Closed injuries of the liver. Khirurgia (Sofia) 17 no.5:
595-600 '64.

1. Vissh voenno-meditsinski institut (nachalnik: dotsent
A. Maleev).

ATANASOV, A.

Duties of the departmental committees of standardization in the
coordination of planned standards with the International Organization
for Standardization. p. 27

RATSIONALIZATSIIA. Vol. 6, No. 4, Apr. 1956

Sofiya, Bulgaria

So. East European Accessions List Vol. 5, No. 9 September, 1956

ATANASOV, A.

ATANASOV, A. Regulations for applying preferred (standard) numbers. p. 33.

Vol. 6, No. 6, June 1956.

RATSIONALIZATSIIA

TECHNOLOGY

Sofia, Bulgaria

So: East European Accession, Vol. 6, No. 2, Feb. 1957

ATANASOV, A.

"Exactness and round numbers."

p. 45 (Ratsionalizatsiia) Vol. 7 no. 9, Sept. 1957
Sofia, Bulgaria

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

ATANASOV, A.

Selecting the dimension series, the necessity and advantages.

p. 38 (RATSIONALIZATSIIA) Vol. 7, no. 10, Oct. 1957,
Sofia, Bulgaria

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 3,
March 1958

ATANASOV, A.; KREKMANOV, A.

Significance of the correct terminology and markings in standardization.
p.34 Rationalizatsii Vol. 8, No. 3, Mar., 1958. Sofia, Bulgaria.

Monthly Index of East European Accession (EEAI) LC, Vol. 7, No. 10,
Oct. 58

ATANASOV, A.
2

COUNTRY : BULGARIA
CITIZEN : Zooparasitology. Parasitic Protozoa. Flagellata
JOUR. : Medica, No. 2 1959, No. 5692
AUTHOR : Angelov, S.; Ganchev, S.; Olshev, A.; Nikolov, S.
TITLE : Microbiological and serological reactions in the investigation of patients with oligophrenia for toxoplasmosis
ORIG. PUB. : Izv. Mikrobiol. in-t. 2715. 43, 1959, No. 9.
55-59
ABSTRACT : In two hours for oligophrenic patients, an investigation of 168 patients was carried out by means of allergic and serological reactions. 30 of them showed positive results in investigation for toxoplasmosis by means of a tuberculin reaction, and 11 by a complement-fixation test.
*2: Atanasov, A.
CAS: 1/2 10

ABSTRACT : Apparently, there exists a definite etiological connection between oligophrenia and toxoplasmosis. Summary
cont'd. From the author's summary

CARD: 2/2

ATANASOV, A.

A case of multiple echinococcal cysts of the lung, liver and lumbosacral spinal region. Khirurgiia (Sofia) 18 no.5:596-596 '65.

1. Katedra po propedevtika na khirurgichnite zaboliavania (rukovoditel - prof. G. Kapitanov) Vissh meditsinski institut, Sofia.

ATANASOV, A

"Preparing seeds of sorted corn", p 76 (KOOPERATIVNO ZEMEDLIIE, Vol 6
#3, Mar. 1951, Bulgaria)

SO: Monthly List of East European Vol 2 #8
KYMKYK Accessions, Library of Congress, August 1953, Uncl.

ATANASOV, A.

"Agricultural Literature During 1955." p. 39,
(KOOOPERATIVNO ZEMELDELIE, Vol. 10, No. 2, Feb. 1955, Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4
No. 5, May 1955, Uncl.

ATANASOV, A.

Aging tobacco by technical methods, basic requirement for a high-quality product. p. 12.

KOOPERATIVNO ZEMEDELIE, Sofiya, Vol. 10, no. 7, July 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955, Uncl.

ATANASOV, A.; TSVETILOV, G.

ATANASOV, A.; TSVETILOV, G. Good sowing and on time. p. 2.

Vol. 7, No. 9, Sept. 1956.

MASHINIZIRANO ZEMEDELJE

AGRICULTURE

Sofia, Bulgaria

So: East European Accession, Vol. 6, No. 2, February 1957

ATANASOV, A.

ATANASOV, A. Mechanization of keeping the snow on the sowed fields. p. 10
Vol. 7 no. 12. Dec. 1956. VASHINIZIRANO ZEMEDELJE. Sofia, Bulgaria

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

ATANASOV, A.

Additional production on the collective farms. p. 10.
(Kooperativno Zemedelie, Vol. (12) no. 5, May 1957. Sofia, Bulgaria)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

ATANASOV, A.

TECHNOLOGY

Periodicals: STROITELSTVO. Vol. 5, No. 10, 1958

ATANASOV, A. Batak water-power system. p. 1.

Monthly List of East European Accessions (EEAI) LC Vol. 8, No. 4, April 1959.
Unclass.

ANCHEV, N., prof.; ATANASOV, A. (Sofiya)

Diagnosis and treatment of subdiaphragmatic liver echinococcosis.
Khirurgia 40 no.3:26-30 Mr '64. (MIRA 17:9)

ATANASOV, A.A.

Refraction of cold neutron beams. Trud Pedag inst Plovdiv
1 no.1:53-56 '63.

1. Chair of General Physics, Higher Pedagogic Institute,
Plovdiv. Head: Assistant Professor T. Vasiliev.

GORANOV, Iv., st. inzhener; ATANASOV, Al., st. ikonomist

Broad ways of the Lovech movement. Kozhi Sofia 4 no.5/6:33,
37 '63.

ATANASOV, Al.

Immunotherapy in the combined treatment of burns. (Review of the literature). Khirurgiia (Sofia) 18 no.5:581-584 '65.

1. Institut za burza meditsinska pemosht "N.I. Pirogov"
(glav. lekar Khr. Zdravkov).

ATANASOV, AL.: LECHEV, V.

Cases of clinical death during surgical treatment of severe burns. Khirurgiia (Sofia) 18 no.4:477-482 '65

1. Institut za burza meditsinska pomosht "N.I. Pirogov",
(gl. lekar Khr. Zdravkov).

RUMENOV, Iv.; BEROV, B.; ATANASOV, Al.

Possible combined surgical interventions in the treatment of advanced cancer. Khirurgiia (Sofia) 18 no.5:562-565 '65.

1. Okruzhna bolnitsa "D-r. Racho Angelov", Sofia (gl. lekar T. Mikhailov ; Institut za burze meditsinska pomosht " N.I. Pirogov", Sofia (gl. lekar Kh. Zdravkov).

ATANASOV, A.

"Register of interferences, a new apparatus in our equipment for high voltage."

p. 15 (Elektroenergiia, Vol. 9, no. 4, 1958, Sofia, Bulgaria)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, no. 9,
September 1958

ATANASOV, A., inzh.

Peculiarities in repairing transistor receivers. Radio i televizia
11 no.8:244-246 '62.

ATANASOV, Al., inzh.

Repair of the mounting with printed apparatus. Radio
i televizia ll no.9:282 '62.

ATANASOV, A., inzh.

How to use graphic characteristics of transistors. Radio i televizia
11 no.10:310-312 '62.

ATANASOV, Al., inzh.

The "Ekho" pocket transistor radio receiver. Radio i televizia 13
no.11:340-342 '64.

ATANASOV, Al., inzh.

Determination of the operational point of a transistor. Radio
i televiziiia 12 no.1:25-26 '63.

ATANASOV, Al., inzh.

Feed rectifiers for transistor radio receivers. Radio 1
televiziia 12 no.3:84-85 '63.

ATANASOV, Al., inzh.

Rectifier for feeding transistor radio receivers. Radio i
televiziia 12 no.8:250-251 '63.

ATANASOV, Al., inzh.

Low-voltage transformerless current rectifiers. Radio i televiziia
12 no.9:275-276 '63.

ATANASOV, An.; DZHINGOV, Al.; KITIPOV, Ant.; LEVENSON, Evg.; MILCHEV, M.;
NIKOLOV, S.

Tests in fertilizing the eroded forest maroon soils.
Izv Inst "Nikola Pushkarov" no.5:101-124 '62.

PENKOV, P.; ATANASOV, At.

Assembly-line method and possibilities of its extending in the factory
"Elprom" of Varna. Tekh delo no.440:2 25 Ag '62.

DIMITROV, Tsv.; ATANASOV, An.

Comparative testing of various forms of nitrogen fertilizers
for wheat and sugar beet on lixiviated chernozem-smonitza soils.
Izv Inst "Nikola Pushkarov" 6:123-158 '63.

ATANASOV, A.

A new instrument for registration of agraphia. Khirurgia, Sofia 14
no.9:835-836 '61.

1. Iz Ginekologichnoto otdelenie na Gradskata bolnitsa — Chirpan.

(AGRAPHIA)

PAPAZOV, Br.; ILIEV, St.; ATANASOV, At.

Our experience with artificial insemination. Akush. ginek.
(Sofia) 2 no. 5:51-54 '63.

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ATANASOV, At.

Treatment of trichomoniasis with PAS. Akush. ginek.(Sofia)
2 no.5:54-57 '63.

*

ILIEV, St.; ATANASOV, At.

Our experience with the therapy of tubal sterility by utero-
tubal instillation. Akush.Ginek.3 no.3:20-26 '64.

ATANOSOV, A.; IORDANOV, I.; ATANASOV, D.

"Treatment of Tubercular Peritonitis with Materials from the Propaedeutic
Surgical Clinic." p. 2,
(ZDRAVEN FRONT, No. 46, Nov. 1954, Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4
No. 5, May 1955, Uncl.

ATANASOV, A.
GANCHEV, G.; ATANASOV, A.

Echinococcosis of the tibia and of the knee. Khirurgia, Sofia
8 no.2:185-187 1955.

(ECHINOCOCCOSIS,
knee & tibia)
(KNEE, diseases,
echinococcosis)
(TIBIA, diseases,
echinococcosis)

ATANASOV, A.

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Endotracheal anesthesia. Khirurgia, Sofia 8 no.4:358-365 1955.
(ANESTHESIA, ENDOTRACHEAL)

ZAKHARIEV, G.; MATIEV, V.; ATANASOV, A; IORDANOV, I.

Therapy and its results in intestinal obstruction. Khirurgia,
Sofia 8 no.6:529-537 1955.

1. Vissh meditsinski institut "V. Chervenkov" - Sofia Propedevtichna
khirurgichna klinika.

(INTESTINAL OBSTRUCTION, surgery)

EXCERPTA MEDICA Sec.9 Vol.11/6 Surgery June 57
ATANASOVA.

2883. ATANASOV A. and DIMITROV L. *The influence of lumbar procaine block on the excretion of neutral 17-ketosteroids with the urine (first observation) BULL. INST. MED. 1955, 11/12 (255-264) Tables 2 (Bulgarian text)

Investigations in 21 patients showed that in lumbar procaine block the 17-ketosteroid excretion is submitted to various changes and that the effect of the block depends on the dosage: when a 0.25% procaine solution is used in quantities of up to 100 ml. bilaterally, the inhibitory effect is not always marked: with doses of up to 150 ml. it is always significant. In diseases in which the activity of the adrenal cortex is not necessary, small doses should be used (60 to 100 ml.), but in diseases in which the adrenocortical function has to be inhibited, the dose should be increased to 150 ml. The 17-ketosteroid excretion can be considered as an indication of the effect of procaine block.

Sarafoff - Sofia

ATANASOV, A.

Artificial hypothermia. Khirurgiia, Sofia 9 no.2:165-172
1956.

1. Visssh meditsinski institut, V. Chervenkov, Sofia.
propedevtichna khirurgichna klinika. Direktor: prof.
G. Kapitanov.

(HIBERNATION, artificial,
(Bul))

ATANASOV, A.

Considerations on the present state of anesthesiology in
Czechoslovakia. Khirurgiia, Sofia 9 no.6:553-560 1956.

(ANESTHESIOLOGY,
in Czech. (Bul))

EXCERPTA MEDICA Sec.9 Vol.11/11 Surgery Nov 57
ATANASOV, A.

5672. (1254) GRUEV I. and ATANASOV A. *Local application of pectin preparations in the treatment of torpid wounds (Bulgarian text) KHIRURGIJA (Sofia) 1956, 9/7-8 (633-644) illus. 10

The Bulgarian drugs haemostop and pectoderm were used in the treatment of 32 superficial and 16 deep torpid wounds. Bacteriological checks, pH-determinations and measurements were regularly made; the nature of epithelization was studied and photographs were made of progress. An analysis of this material is used as a basis of a hypothesis which explains the favourable influence of these preparations on the basis of stimulation of tissue viability. The method should be more widely used in practice, as it can be used under any condition, and as it abbreviates the healing time. Good early and late results also depend on suitable treatment of the underlying disease (diabetes, venous dilatation, osteomyelitis, etc.). Other drugs should also be used, which restore the protective powers in the organism. Complete complex treatment is always advisable.

ATANASOV, A.

Form for anesthesia and reanimation. Khirurgiia, Sofia 9 no.7-8:
706-709 1956.

1. Vlash meditsinski institut--sifia katedra po khirurgichna
propedevtika Zav. katedrata: prof. G. Kapitanov.
(ANESTHESIOLOGY,
record form (Bul))
(RECORDS, MEDICAL,
anesth. record form (Bul))

EXCERPTA MEDICA Sec 9 Vol 13/3 - Surgery Mar 59

1518. (439) THE TREATMENT OF SLOWLY HEALING SUPERFICIAL WOUNDS
(Bulgarian text) - Gruev Iv. and Atanasov At. - KHIRURGIJA (Sofia)
1957, 10/10 (887-892)

Pectin preparations were tested in the treatment of atonic, slowly healing wounds. The results were very good, pectin exercising a very marked effect on tissue viability. Studies were also carried out with the preparation pectoderm (an unctuous emulsion containing 5% pectin, 2% sulphathiazole and 2% benzocaine). This combination was found to be effective. The sulphonamide and the benzocaine do not destroy each other because they are in suspension. Their presence is necessary and they enhance the stimulating action of pectin. The treatment with pectoderm is a biological, stimulating method, which in all cases can be applied either as principal or as supplementary therapy. The results according to the species and the aetiology of the wound treated differed only in degree. Preference is given to the combined method of treatment when it is desirable to attack a pathological process effectively from several sides at the same time. Bacteriological studies of wound secretions revealed that the healing process was normal, even in the presence of a microbial flora, which became saprophytic as soon as the wound was covered with granular tissue.

(IX, 19)

EXCERPTA MEDICA Sec 9 Vol 13/11 Surgery Nov 59

6448. ON THE USE OF MUSCULAR RELAXANT 'Mu 301' IN CASES OF ABDOMINAL SURGERY (Bulgarian text) - Atanasov A. Dept. of Surg.

Prop., Viss Med. Inst. Sofia - KHIRURGIYA (Sofia) 1958, 11/4 (328-333)

An analysis is made of the anaesthetic records of 40 abdominal operations performed under pentothal-N₂O-O₂ anaesthesia with use of the centrally acting synthetic preparation 'Mu 301'. Though this relaxant does not require intubation, most patients have been operated under intratracheal narcosis because of the heavy operation risk (long shocking interventions with bad general state and advanced age of the patients). The average dose of 'Mu 301' required was 20-30 ml. In cases of long operations the dose can be repeated without fear; the drug has no cumulative effect. 'Mu 301' gives a good relaxation of the abdominal muscles, does not influence the breathing, does not require intubation, is not dangerous or toxic and can be used without fear where there is not a trained anaesthetist.

ATANASOV, At.

351 cases of endotracheal anesthesia. Khirurgiia, Sofia 11 no.5-6:438-442
1958.

1. Iz Propedevtichnata khirurgichna klinika pri VMI--Sofia.
(ANESTHESIA, ENDOTRACHEAL,
case reports (Bul))

ATANASOV, A.; IORDANOV, I.

Deep hypothermia and possibilities for its clinical application
(experimental observations). Khirurgiia, Sofia 12 no.10:855-865
'59.

1. Vissh meditsinski institut - Sofia. Katedra po propedevtika
na khirurgichnite zaboliavania. Zav.katedrata: prof. G. Kapitanov.
(HYBOTHERMIA INDUCED exper.)

ATANASOV, A.; IORDANOV, I.

On prolonged anesthesia. Khirurgiia, Sofia 12 no.12:1081-1083 '59.

1. Vissh meditsinski institut - Sofia. Katedra po propedevtika
na khirurgichnite zaboliavania. Zav.katedrata: prof. G. Kapitanov.
(ANESTHESIA)

ATANASOV, A.

On certain basic principles of cardiovascular reanimation.
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